



ABSTRACT OF THE DISCLOSURE

A method of making an electric lamp having a gas filled outer jacket wherein the space enveloped by the jacket may be flushed and filled with the desired fill gas without the use of a mechanical evacuation system including an exhaust pump. The space may be flushed and filled to obtain a controlled atmosphere within the space by inserting a gas dispensing probe into the space to displace the uncontrolled atmosphere with the fill gas. The final pressure of the fill gas which is sealed within the space may be controlled by controlling the temperature of the fill gas during the flush/fill procedure until the outer jacket is sealed.

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